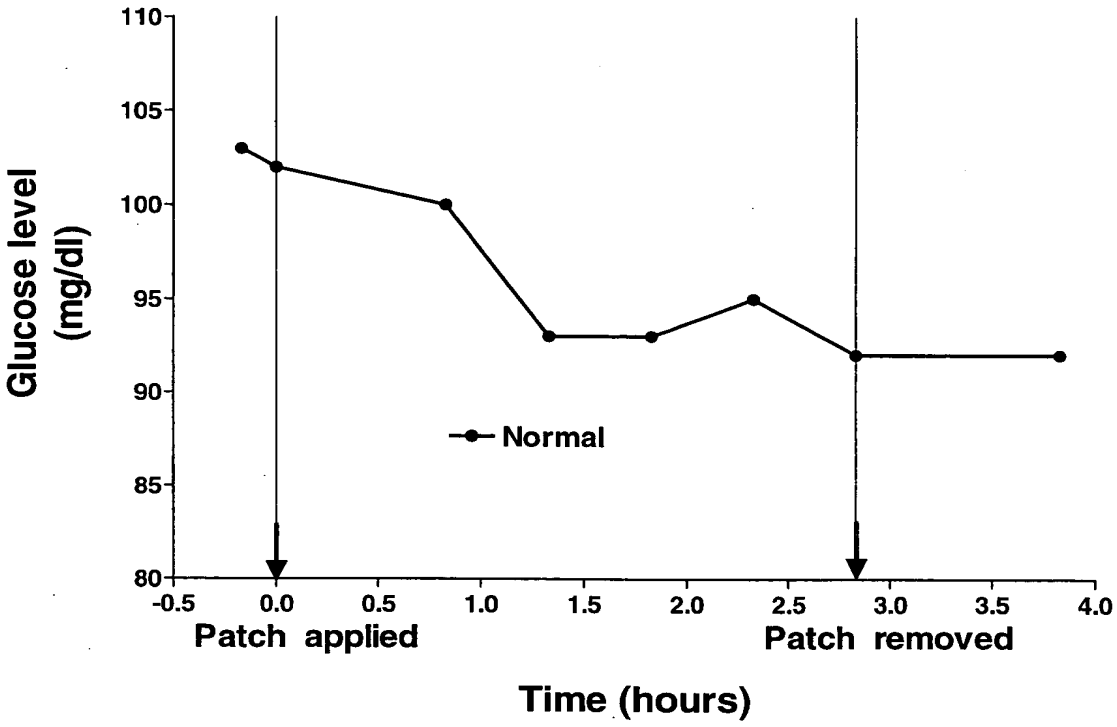
Glucose level (mg/dl)
110
105
100
95
90
85
80
Normal
-0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Patch applied
Patch removed
Time (hours)

Figure 1

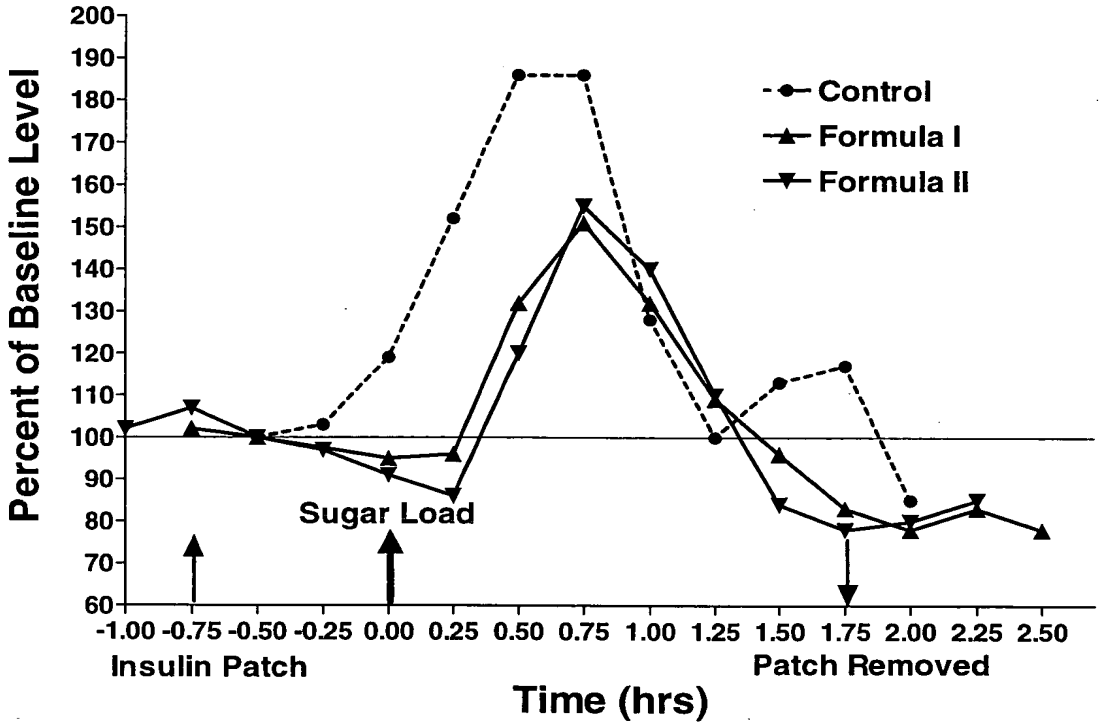
Percent of Baseline Level
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
Control
Formula I
Formula II
Sugar Load
-1.00 -0.75 -0.50 -0.25 0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00 2.25 2.50
Insulin Patch
Patch Removed
Time (hrs)

Figure 2

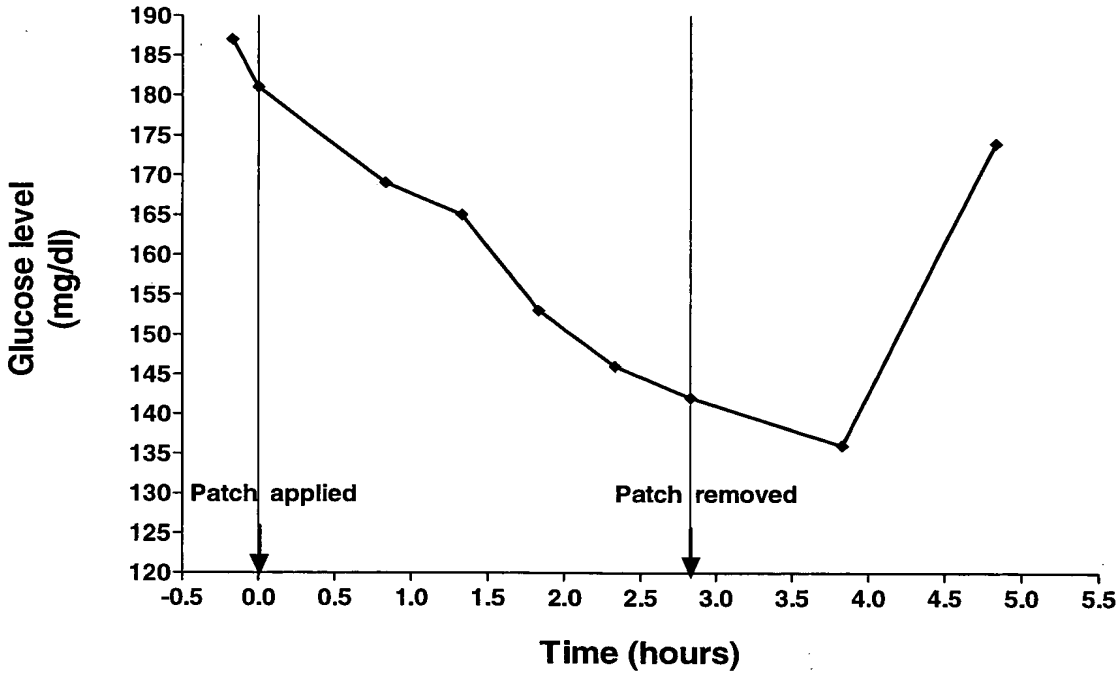
Glucose level (mg/dl)
190
185
180
175
170
165
160
155
150
145
140
135
130
125
120
Patch applied
Patch removed
-0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
Time (hours)

Figure 3

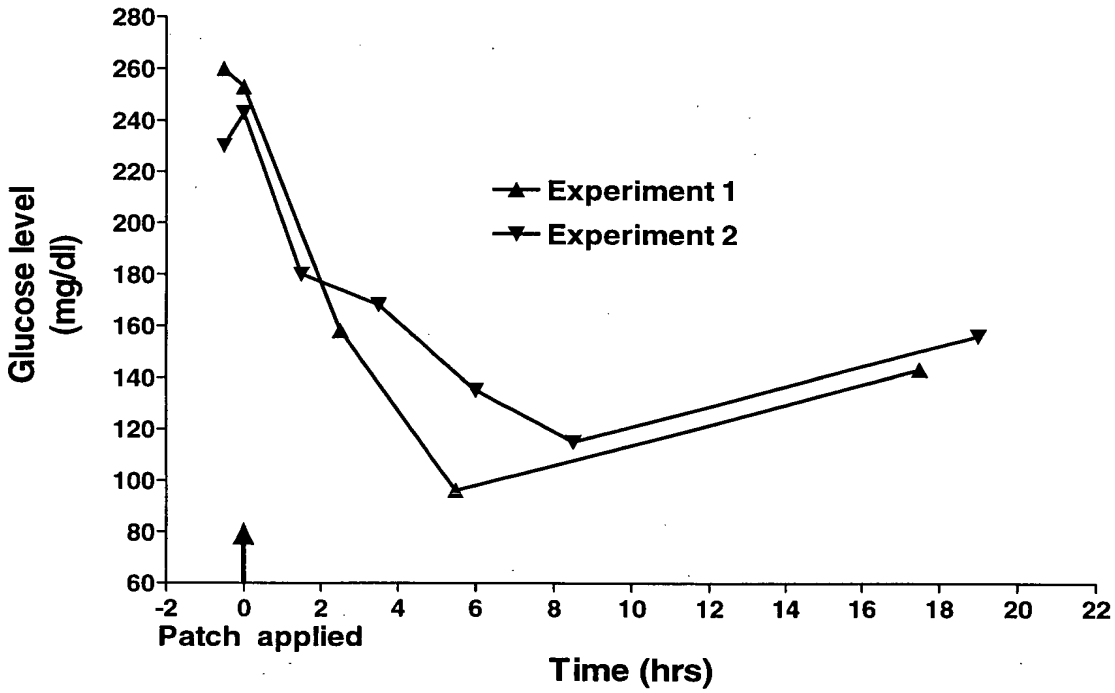
Glucose level (mg/dl)
280
260
240
220
200
180
160
140
120
100
80
60
-2
0
2
4
6
8
10
12
14
16
18
20
22
Patch applied
Time (hrs)
Experiment 1
Experiment 2

Figure 4

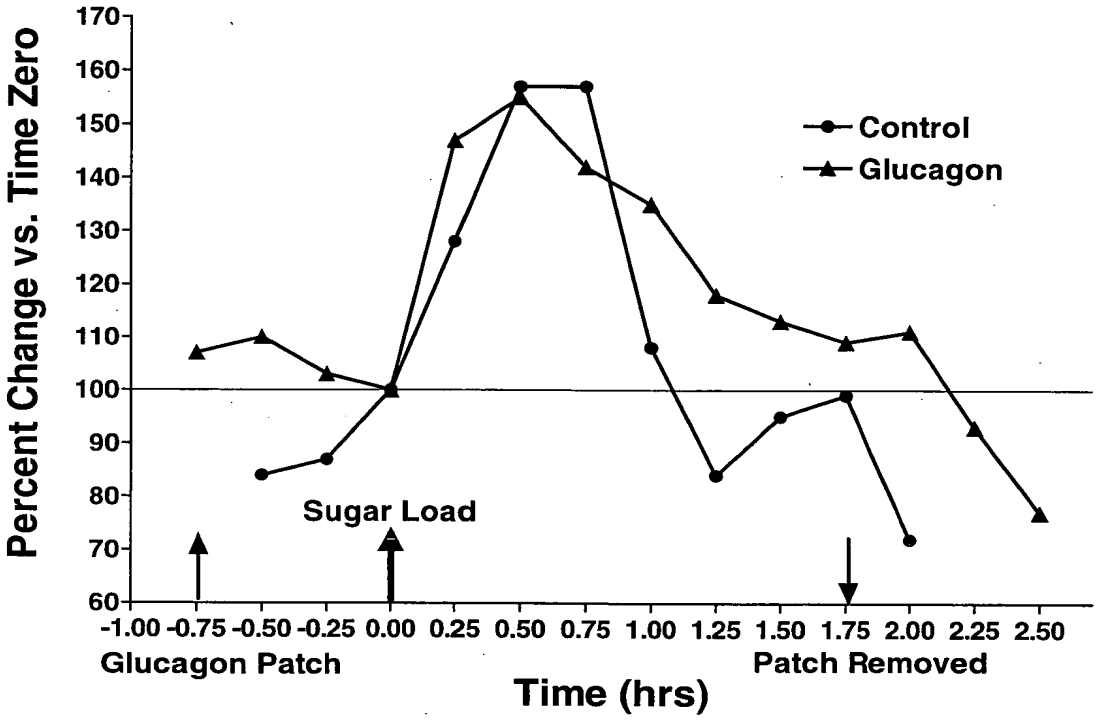
Percent Change vs. Time Zero
170
160
150
140
130
120
110
100
90
80
70
60
Control
Glucagon
Sugar Load
-1.00 -0.75 -0.50 -0.25 0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00 2.25 2.50
Glucagon Patch
Patch Removed
Time (hrs)

Figure 5

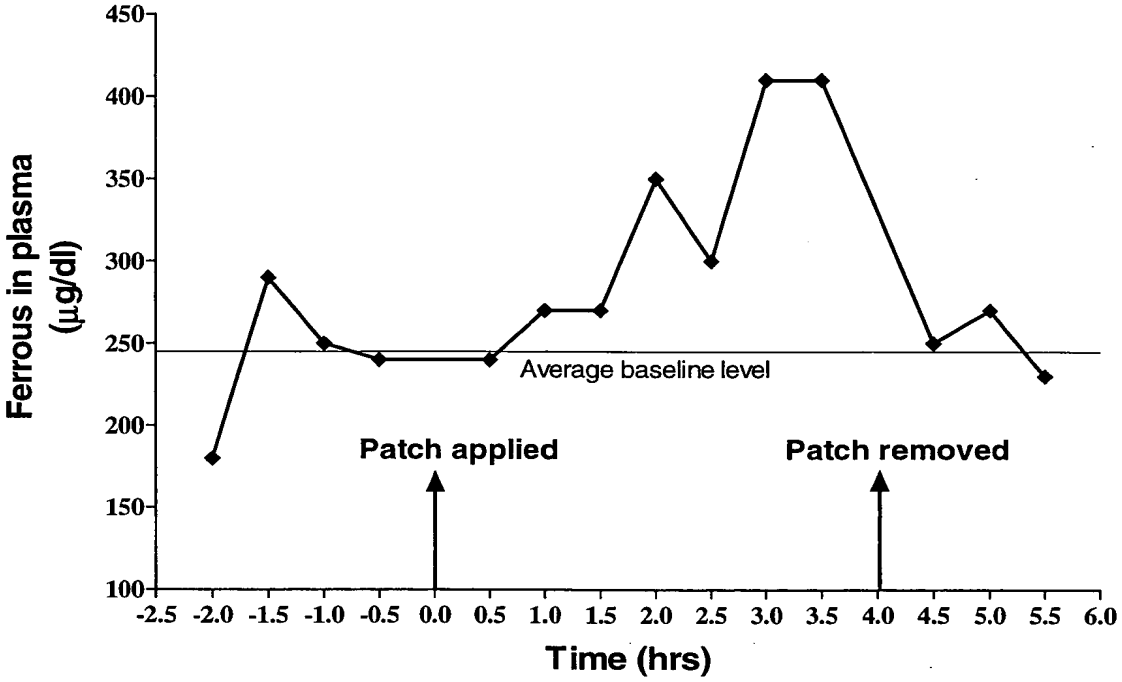
Ferrous in plasma (µg/dl)
450
400
350
300
250
200
150
100
Average baseline level
Patch applied
Patch removed
-2.5 -2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0
Time (hrs)

Figure 6

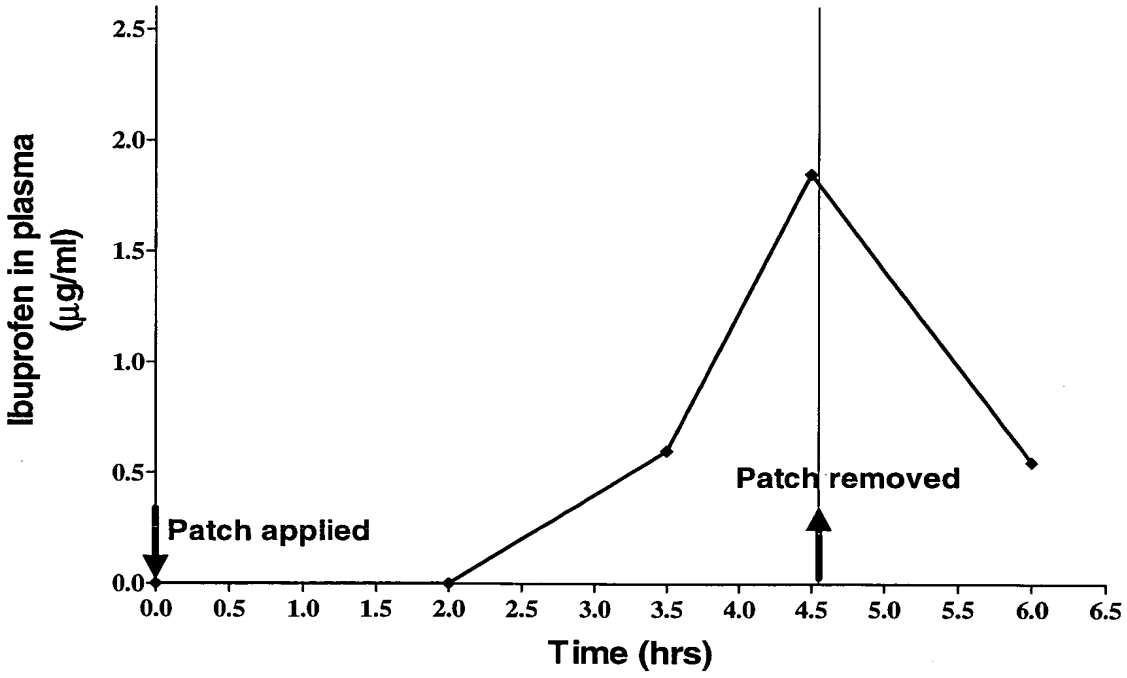
Ibuprofen in plasma (µg/ml)
2.5
2.0
1.5
1.0
0.5
0.0
Patch applied
Patch removed
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5
Time (hrs)

Figure 7

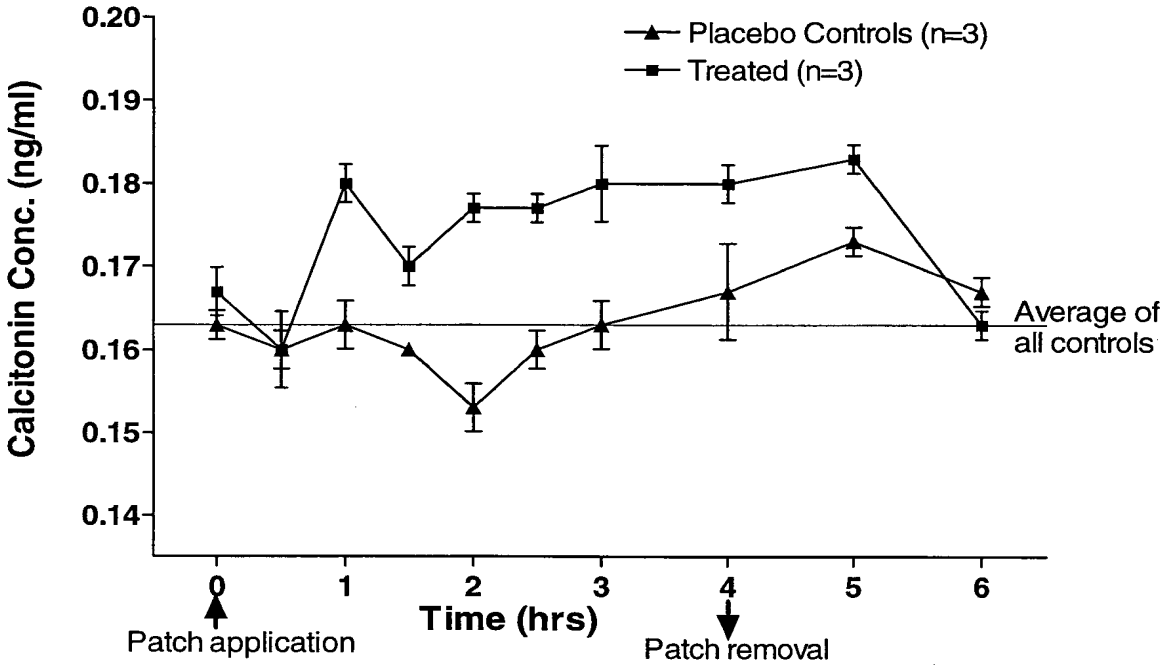
Placebo Controls (n=3)
Treated (n=3)
Calcitonin Conc. (ng/ml)
0.20
0.19
0.18
0.17
0.16
0.15
0.14
Average of all controls
0
1
2
3
4
5
6
Time (hrs)
Patch application
Patch removal

Figure 8

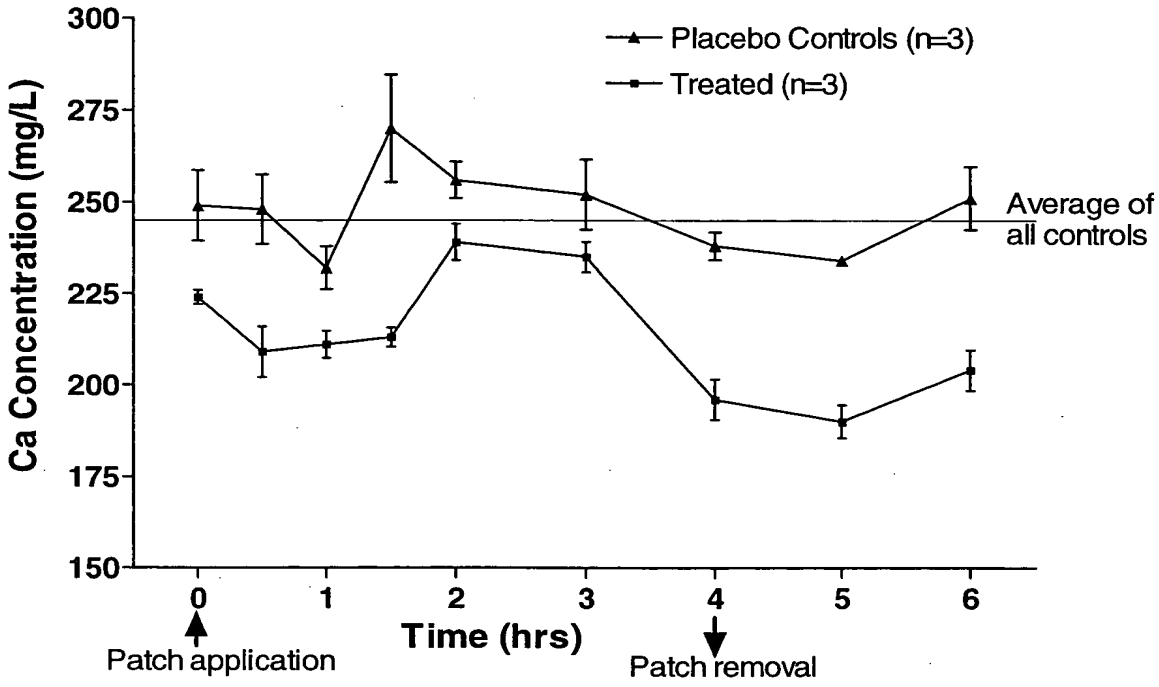
300
275
250
225
200
175
150
Ca Concentration (mg/L)
Placebo Controls (n=3)
Treated (n=3)
Average of all controls
0
1
2
3
4
5
6
Time (hrs)
Patch application
Patch removal

Figure 9

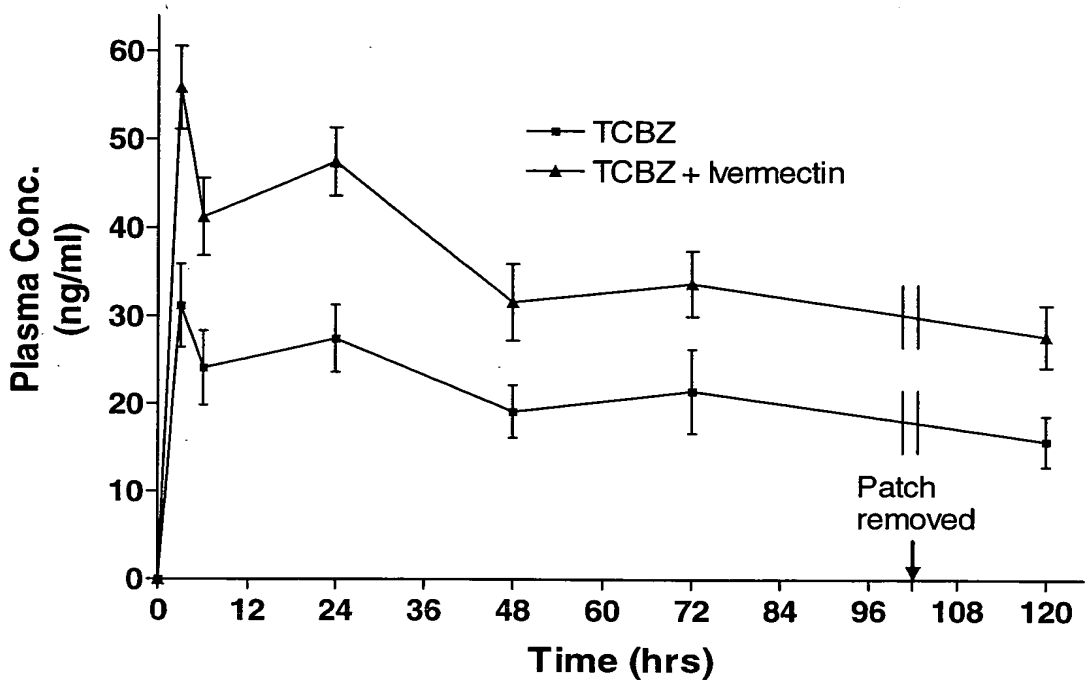
Plasma Conc. (ng/ml)
60
50
40
30
20
10
0
TCBZ
TCBZ + Ivermectin
Patch removed
0
12
24
36
48
60
72
84
96
108
120
Time (hrs)

Figure 10

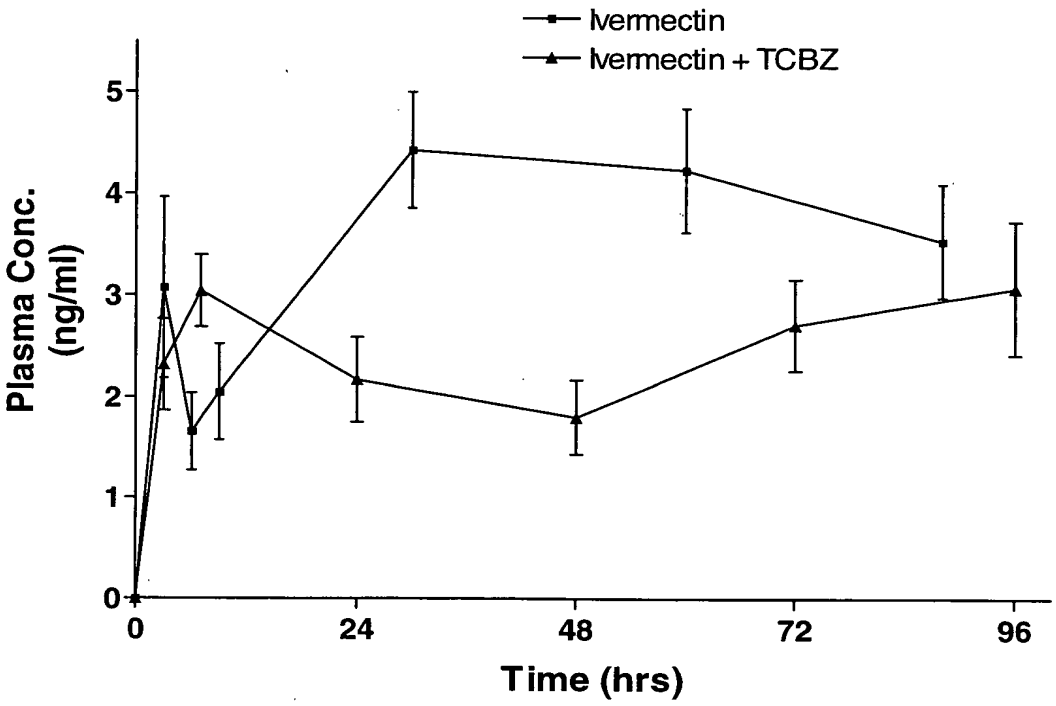
Ivermectin
Ivermectin + TCBZ
Plasma Conc. (ng/ml)
0
1
2
3
4
5
0
24
48
72
96
Time (hrs)

Figure 11